

Govt. College, Safidon (Jind)-126112

Session: 2022-2023 (Even Semester)


Lesson Plan

B.Sc.IIIrd year.....

Name of Teacher: Dr. Manjeet Kaur Subject: Zoology

Paper Name Paper-I Aquaculture and Pest management-I
Paper II Aquaculture and Pest Management -II

Sr.No.	Months	Topic
1	February	Introduction to World and Indian Fisheries, Fresh
2		water fishes of India, Fishing crafts and Gear
3		Brackish water culture
4	March	Introduction to Parasitology, Insect Pests of
5		Sugarcane and Cotton, Insect-Pests of wheat and
6		Paddy, Insect pests of vegetables
7		Fish seed production, Fish Feed,
8		Techniques of Fish culture
9	April	Management and Marketing of fishes and
10		their products, Latest Advancements in
11		Aquaculture Technology
12		Insect-Pests of Stored Grains
13		Biological control of Insects chemical
14		control of Insects
15	May	Integrated Pest Management
16		Bird-Pests and their Management
17		Rodent-Pests and their
18		management
		Revision


Dr. Manjeet Kaur
Dept. of Zoology

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Lesson Plan


B.Sc. ...IInd year.....

Subject:.....Zoology.....

Name of Teacher:.....Dr. Manjeet Kaur.....

Paper NameMammalian Physiology-II.....

Sr.No.	Months	Topic
1	February	Circulation: Origin, conduction and regulation of
2		Heart beat, cardiac cycle, electrocardiogram, cardiac output, fluid & flow pressure in closed & open circulatory system
3		composition and function of blood & lymph, mechanism of coagulation of blood, coagulation factors, anticoagulants haemopoiesis.
4	March	Respiration: Exchange of respiratory gases, transport of gases, lung air volumes, oxygen dissociation curve of haemoglobin,
5		Bohr's effect, Haldane's phenomenon, control/regulation of respiration.
6		Excretion: Patterns of excretory product viz. Ammonotelic, ureotelic, uricotelic, ornithine cycle for urea formation in liver
7		Urine formation, counter-current mechanism of urine concentration, osmoregulation, micturition.
8		Neural Integration: Nature, origin and propagation of nerve impulse along with myelinated & non-myelinated
9	April	nerve fibre, conduction of nerve impulse across synapse.
10		Chemical Integration or Endocrinology:
11		Structure and mechanism of hormone action,, Physiology of hypothalamus, Pituitary, thyroid,
12		Parathyroid, adrenal, Pancreas and Gonads.
13		Reproduction: Spermatogenesis, copulation of spermatozoa, ovulation, formation
14	May	of Corpus luteum, Oestrous - anoestrous
15		cycle, Menstrual cycle in Human,
16		Fertilization, Implantation and
17		gestation.
18		Revision


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